CLAIM SET AS AMENDED

1. (Currently Amended) A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving work keys and partial viewing authorization information from the EMM extracted by said demultiplexer;

an ECM decryption section for decrypting the ECM using the work keys and for intermittently retrieving scrambling keys from the ECM, based on receiving control information to alternately enable and disable decrypting, when the partial viewing authorization information retrieved by said EMM decryption section permits partial viewing;

a media data descrambling section for intermittently descrambling the coded media data using the scrambling keys intermittently retrieved by said ECM decryption section; and

a decoding section for decoding the coded media data intermittently descrambled by said media data descrambling section.

2. (Currently Amended) ~~The conditional access system according to claim 1, wherein said ECM decryption section retrieves only part of the scrambling keys included in the ECM~~ A conditional access system

comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving work keys and partial viewing authorization information from the EMM extracted by said demultiplexer;

an ECM decryption section for decrypting the ECM using the work keys and for retrieving scrambling keys from the ECM, when the partial viewing authorization information retrieved by said EMM decryption section permits partial viewing;

a media data descrambling section for intermittently descrambling the coded media data using the scrambling keys which are intermittently retrieved from said ECM decryption section; and

a decoding section for decoding the coded media data intermittently descrambled by said media data descrambling section.

3. (Currently Amended) ~~The conditional access system according to claim 1,~~ A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving work keys and partial

viewing authorization information from the EMM extracted by said demultiplexer;

an ECM decryption section for decrypting the ECM using the work keys and for intermittently retrieving scrambling keys from the ECM, when the partial viewing authorization information retrieved by said EMM decryption section permits partial viewing;

a media data descrambling section for intermittently descrambling the coded media data using the scrambling keys intermittently retrieved by said ECM decryption section; and

a decoding section for decoding the coded media data intermittently descrambled by said media data descrambling section;

wherein said ECM decryption section retrieves all the scrambling keys included in the ECM and supplies said media data descrambling section with only part of the scrambling keys.

4. (Currently Amended) A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving work keys and partial viewing authorization information from the EMM extracted by said demultiplexer;

an ECM decryption section for decrypting the ECM using the work keys retrieved by said EMM decryption section and for

retrieving scrambling keys from the ECM;

a media data descrambling section for intermittently descrambling the coded media data using the scrambling keys, based on receiving control information to alternately enable and disable descrambling, when the partial viewing authorization information retrieved by said EMM decryption section permits partial viewing; and

a decoding section for decoding the coded media data intermittently descrambled by said media data descrambling section.

5. (Previously Presented) The conditional access system according to claim 4, wherein said media data descrambling section handles part of the coded media data which is not descrambled as unencrypted data.

6. (Currently Amended) A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving work keys and partial viewing authorization information from the EMM extracted by said demultiplexer;

an ECM decryption section for decrypting the ECM using the work keys retrieved by said EMM decryption section and for

retrieving scrambling keys from the ECM;

a media data descrambling section for descrambling the coded media data using the scrambling keys retrieved by said ECM decryption section; and

a decoding section for intermittently decoding the coded media data descrambled by said media data descrambling section, based on receiving control information to alternately enable and disable decoding, when the partial viewing authorization information retrieved by said EMM decryption section permits partial viewing.

7. (Previously Presented) The conditional access system according to claim 6, wherein said decoding section decodes only part of frames in a frame sequence constituting the coded media data.

8. (Previously Presented) The conditional access system according to claim 7, wherein said decoding section decodes only I frames.

9. (Currently Amended) ~~The conditional access system according to claim 6,~~ A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving work keys and partial viewing authorization information from the EMM extracted by said

demultiplexer;

an ECM decryption section for decrypting the ECM using the work keys retrieved by said EMM decryption section and for retrieving scrambling keys from the ECM;

a media data descrambling section for descrambling the coded media data using the scrambling keys retrieved by said ECM decryption section; and

a decoding section for intermittently decoding the coded media data descrambled by said media data descrambling section when the partial viewing authorization information retrieved by said EMM decryption section permits partial viewing;

wherein said decoding section decodes all the coded media data descrambled by said media data descrambling section and supplies only part of the decoded coded media data to a television receiver.

10. (Currently Amended) A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving partial viewing authorization information from the EMM extracted by said demultiplexer, said EMM decryption section intermittently retrieving work keys from the EMM, based on receiving control information to alternately enable and disable decryption, when the

partial viewing authorization information permits partial viewing;

an ECM decryption section for intermittently decrypting the ECM using the work keys intermittently retrieved by said EMM decryption section and for intermittently retrieving scrambling keys from the ECM;

a media data descrambling section for intermittently descrambling the coded media data using the scrambling keys intermittently retrieved by said ECM decryption section; and

a decoding section for decoding the coded media data intermittently descrambled by said media data descrambling section.

11. (Previously Presented) The conditional access system according to claim 10, wherein said EMM decryption section retrieves only part of the work keys included in the EMM.

12. (Currently Amended) ~~The conditional access system according to claim 10, wherein said EMM decryption section retrieves all the work keys included in the EMM and supplies only part of the work keys to said ECM decryption section~~ A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving partial viewing

authorization information from the EMM extracted by said demultiplexer, said EMM decryption section retrieving work keys from the EMM when the partial viewing authorization information permits partial viewing;

an ECM decryption section for intermittently decrypting the ECM using the work keys which are intermittently retrieved from said EMM decryption section and for intermittently retrieving scrambling keys from the ECM;

a media data descrambling section for intermittently descrambling the coded media data using the scrambling keys intermittently retrieved by said ECM decryption section; and

a decoding section for decoding the coded media data intermittently descrambled by said media data descrambling section.

13. (Currently Amended) ~~The conditional access system according to claim 1,~~ A conditional access system comprising:

a demultiplexer for demultiplexing a packet stream transmitted from a transmitting site into encrypted coded media data, an ECM (Entitlement Control Message) and an EMM (Entitlement Management Message);

an EMM decryption section for retrieving work keys and partial viewing authorization information from the EMM extracted by said demultiplexer;

an ECM decryption section for decrypting the ECM using the work keys and for intermittently retrieving scrambling keys from

the ECM, when the partial viewing authorization information retrieved by said EMM decryption section permits partial viewing;

a media data descrambling section for intermittently descrambling the coded media data using the scrambling keys intermittently retrieved by said ECM decryption section; and

a decoding section for decoding the coded media data intermittently descrambled by said media data descrambling section;

wherein said ECM decryption section, instead of said EMM decryption section, retrieves the partial viewing authorization information from the ECM when the partial viewing authorization information is included in the ECM.

14. (Previously Presented) The conditional access system according to claim 1, wherein partial viewing authorization information includes a control parameter indicating a partially authorized viewable range.

15. (Previously Presented) The conditional access system according to claim 1, wherein the partial viewing authorization information consists of information authorizing viewing only for a specific time period.

16. (Previously Presented) The conditional access system according to claim 1, wherein a subscriber contract information that includes information authorizing partial viewing is used as the partial

viewing authorization information.

17. (Previously Presented) The conditional access system according to claim 1, wherein the EMM is used for inserting the work keys which are used only for specific time periods.

18. (Previously Presented) The conditional access system according to claim 1, wherein said demultiplexer and said decoding section are based on the MPEG-2 standard.

19. (Previously Presented) The conditional access system according to claim 1, wherein when a plurality of programs are multiplexed into the packet stream transmitted from the transmitting site, authorization, partial authorization and inhibition of viewing the programs are determined for individual programs independently.

20. (Canceled).